*CT0570144*

# SOURCE WATER ASSESSMENT SUMMARY

## St. Pauls Church

| Well Location | Town | Well Type | Source Water Area (acres) |
|---|---|---|---|
| 84 Sherwood Avenue | Greenwich | Drilled | 18 |

| Factor | Source Water Assessment Ratings For This Well | Rating |
|---|---|---|
| I | Environmental Sensitivity | Moderate |
| II | Potential Risk Factors | Low |
| **Overall Susceptibility to Potential Sources of Contamination** | | **Low** |
| **This rating is intended to indicate susceptibility to potential sources of contamination that may be in the wellfield source water area and does not necessarily imply poor water quality.** | | |

| Assessment Factors | | Initial Assessment Findings | Recommendations for Enhanced Source Protection |
|---|---|---|---|
| I | **Contaminants Detected in Source Water** | Nitrate >5mg/L, Total coliform rule violation | Maintain monitoring levels specified in the Connecticut Public Health Code Section 19-13-B102 |
| I | **General condition of well and related equipment** | Good | Maintain well and equipment according to best management practices |
| II | **Number of DEP-inventoried Contaminant Release Points in Source Water Area** | None | |
| II | **Number of Potential Sources of Contamination in Source Water Area** | None | |
| II | **Land Use/Land Cover on the Well's Source Water Area** *(Based on Satellite Imagery developed by University of Conn.)* | Commercial/Industrial 29.01%<br>Residential 59.12%<br>Agricultural 0.79%<br>Open or Undeveloped 11.08% | Proactively work with local officials and developers to insure that only low risk development occurs within the source water area.<br>Support and encourage the acquisition of open space land within the source water area. |

## General Recommendations For All Non-community Public Water Systems

| | |
|---|---|
| **Land Area Around Wellhead** | Water system owner should provide information about the amount of land it owns or controls within a 200 foot radius around this well |
| **Water System Source Protection Initiatives** | Water system owner should provide information about basic practices employed to protect its drinking water sources |
| **Local Government Source Protection Initiatives** | Water system owner should support the development of local zoning or aquifer protection regulations to enhance the protection of public drinking water sources |

CONNECTICUT DEPARTMENT OF PUBLIC HEALTH

Keeping Connecticut Healthy


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